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**Patent Claims**

1. A network subscriber station (2) for a network of distributed stations, particularly a network of IEEE 1394 network subscriber stations, which are connected by means of a data bus (1), having at least three reserved memory areas for operation-dependent interface configuration data, having pointer means, which comprise electronic pointers to the at least three memory areas, and driver means for handling electronic data in the at least three memory areas and for electronic data transfer between the at least three memory areas.
- 15 2. The network subscriber station as claimed in claim 1, characterized in that a first of the at least three memory areas is a current memory area for holding current interface configuration data, a second of the at least three memory areas is a subsequent memory area for holding interface configuration data which are provided for retrieval after a subsequent reset operation on the data bus (1), and a third of the three memory areas is an editing memory area for holding editable interface configuration data, in that also at least one auxiliary memory area for buffer-storing at least one electronic pointer is provided, and in that the pointer means comprise a respective electronic pointer for the first, the second and the third memory area.
- 30 3. A method for operating a network subscriber station (2) in a network of distributed stations, particularly a network of IEEE 1394 network subscriber stations, which are connected by means of a data bus (1), in which operation-dependent interface configuration data are stored in organized form, possibly in subsets in at least three memory areas,

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where the operation-dependent interface configuration data are stored in the at least three memory areas on the basis of reset operations on the data bus (1) which are received by the network subscriber station (2),  
5 using pointer means which comprise electronic pointers to the at least three memory areas.

4. The method as claimed in claim 3, characterized in that the operation-dependent interface configuration  
10 data are stored in a first of the at least three memory areas, which is a current memory area for holding current interface configuration data, in a second of the at least three memory areas, which is a subsequent memory area for holding interface configuration data  
15 which are provided for retrieval after a subsequent reset operation on the data bus, and in a third of the three memory areas, which is an editing memory area for holding editable interface configuration data, using at least one auxiliary memory area and also pointer means  
20 which comprise a respective electronic pointer for the first, the second and the third memory area.